

ABSTRACT

The present invention relates to a negative electrode material for non-aqueous electrolyte secondary batteries, characterized in that the negative electrode material comprises a composite particle including solid phases A and B, the solid phase A being dispersed in the solid phase B, and the ratio (I_A/I_B) of the maximum diffracted X-ray intensity (I_A) attributed to the solid phase A to the maximum diffracted X-ray intensity (I_B) attributed to the solid phase B satisfies $0.001 \leq I_A/I_B \leq 0.1$, in terms of a diffraction line obtained by a wide-angle X-ray diffraction measurement of the composite particle.

This negative electrode material is capable of suppressing of pulverization thereof due to repeated cycles. Further, the use of this negative electrode material allows production of a non-aqueous electrolyte secondary battery having a high capacity and an excellent cycle life characteristic.